114 T

FIGURE 1

BOX= CDRS: bold =Kabat, Italics=Chothia

chain variable domain Heavy A5 Antibody ğ

40 A 33 38 公 37 36 W 34 Н **22 24** 32 × 31 ß 30 ы 28 29 H E 27  $\succ$ 26  $\mathcal{G}$ 22 24 A 23 K C 52 27 20 13 M 18 16 17 A S G 55 14 P 133  $\bowtie$  12 11 6 日 6 K ∞ ധ  $\sim \Omega$ ω Ŏ 5 > Ρđ m 0 2 > - O

A5-H

A5-H

88 7 279 ₩ 🗖 7 S J. 25 S 74 T 73 72 R 77 2 Ω 69 ⊞ 89  $\alpha$ % **2** £ 65 **₹**4 F4 64 × FI 63 Z H Z ы ы S **闰** Ç  $\mathbf{z}$ 3 됴긔 45 L 44 G 43 42 G 4<sub>1</sub>

120 V 115 G 110 K ď 92 36 × 93 94 9 V Y Ø 91 92 9. T A H Н

Н EH  $\mathcal{O}$  $\bigcirc$ 3 P Ħ Ħ  $\mathbf{z}$ Ø R æ ы Z O Ħ ы 97 98 99 100 3 A R **K Y** Ö H E S S L R S E D L S S L R S E D 8182 8 M E

A5-H

ß 122 V A5-H chain variable Light Antibody A5 B.

40 ₹ 33 37 36 ы 35 Ø 34 33 Ö 32 H 31 × 30 P 29 Н 28 S 27 国 26 Ø 25 ď 24 **X** 23 22 T 21 T 20 T 19 18 16 17 G D 15 14 N 13 A 17 S 디디 დ <u>წ</u> യയ ∞ വ  $\sim \Omega$ o O rs E 4 Z m 01 2 H ПП

 $\Box$ 

8 ₽ 77 F 76 T 75 F 74 D 73 T 25 77 S გ ე ලි හ 8 D ? S 99 FJ 85 R 9 S 63 62 12 D ଓ ଦ 59 Ö 28 K 57 S26 55 ď ₽ **4** ₹ 23 52 T 51 L 20 L ₹ ₩ 면 원 47 A 4<sub>6</sub> ე მ 44 U 43 K 45 Q 41

A5-L

A5-L

8 S

79 T

 $\alpha$  $\bowtie$ 110 T ഥ × H 105 G Ø  $\mathcal{O}$ ഥ H 93 94 95 96 97 98 99 100 **Q Q S K T V P R** 25 90 91 9 Y Y 88 89 9 A T 87 T 84 85 86 8 P E D 83 ç 8182 8 S L

6

88 H

FIGURE 2

Italics=Chothia BOX= CDRS: bold =Kabat,

ID NO:14)

domain (SEQ

variable

chain

Heavy

4g 另 88 X 120 L £ 0 73 A Е 38 78 T ⊣ 37  $\triangleright$ 7 S  $\mathcal{O}$ 3€ 3,6 ⋖ 22 Ç 田 34 74 X 3  $\Xi$ 33 73 M 32 72 P × 31 77 E Œ Ø 30 5 L E-1 H 28 29 69 E1 ᇤ Z 68 A Т Ŋ ĸ 27 67 K >8 **2** Ħ S × 25 Ø 24 A F4 64 × © **⋈** 23 O 22 **日** H E | E × 2<sub>1</sub> 영 **>** 100 Ħ 20 L 66 **K** 13 13 59 N 7 5 98 R 58 H 16 17 A S 57 A K 97 H2 56 Ö Ö 96 15 G 55 Z >95 Ъ4 54 Ø  $\succ$ 94 53 **64** H 13  $\triangleright$ 93 122 22 ø 92 51 디디 Н ß 91 96 D S **터** 음ഥ 43 G 6 K ഥ 83 48 T ∞ ധ 88 ß 47 W 87 T 7 46 98 T ω Qi 85 S 45 L 20 21 4<sub>4</sub>4 84 Ø 121 122 123 T V S 83 L 43 Q m 0 42 G 8182 8 M Q 2 > 41 P i i 2256H 2256H 2256H

NO:15) (SEQchain variable domain Light

2256H

25 H  $\geq$ 78 N 77 L 37 × 35 S3 H 72 FI 35 Ø 34 74 D Н 33 Ö 73 T 114 T 召 32 22 ы 31 Z 77 S  $\bowtie$ 30 P 20  $\Sigma$ 29 8 S  $\triangleright$ ഥ 28 8 G Ŋ  $\Box$ 27 国 67 S  $\bowtie$ 26 99 FJ  $\vdash$ Ŋ 25 65 R Ç ¥ ᢗ 24 **K** 64 A Ü 23 ទូ ៤ 22 23 62 ഥ 21 T 13 13 H 20 T ଓ ଦ 98 99 100 K 119 A ଥି ଓ 18 R 58 > Q 15 16 17 L G Q 57 闰 × 94 95 96 97 Ø 56 × 55 Ā Ŋ 14 N Q 24 **A** Ø 13 53 Y 93 12 A 52 T  $\mathcal{O}$ 90 91 92 ПП 51 L [<del>\_</del>1 × 2 5 20 L Σ 49 X 6 K 83 48 P A <sub>യ</sub> വ 88 47 P  $\vdash$ 87 ر 2 98 D 46 Q ω Q 85 <sub>U</sub> 45 G ა ⊟ 84 E 44 D 83 교 43 K ღ ⊳ 42 8182 ( P M 7 H 41 1 D 2256L 2256L

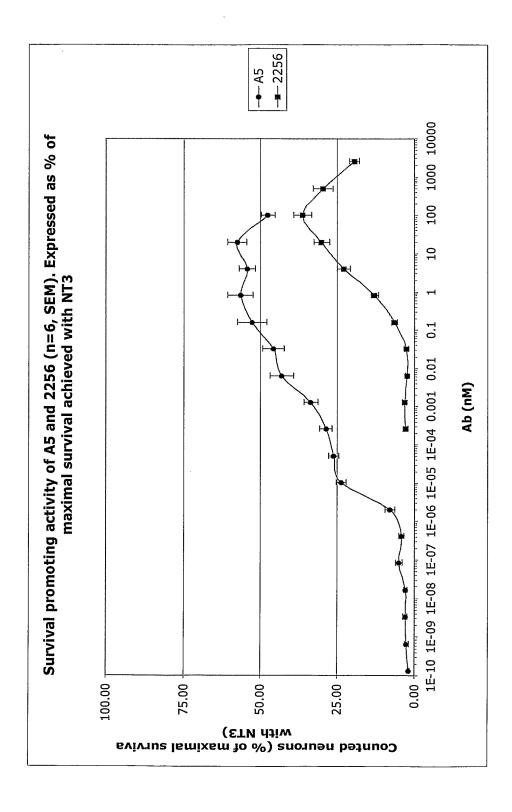
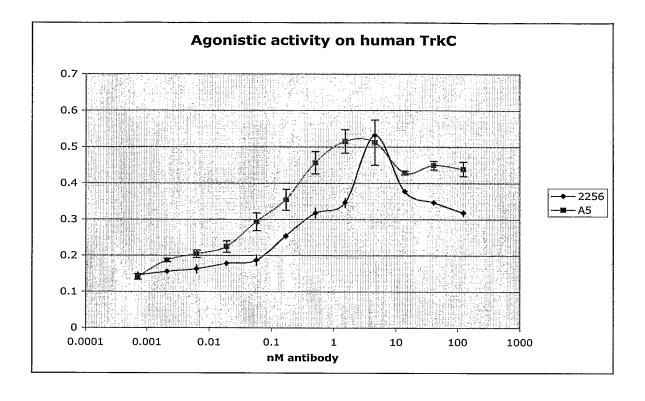


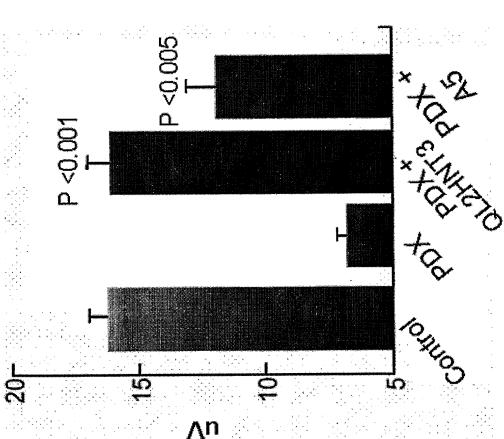
FIGURE 3

4/9

## FIGURE 4







Sensory Nerve Amplitude

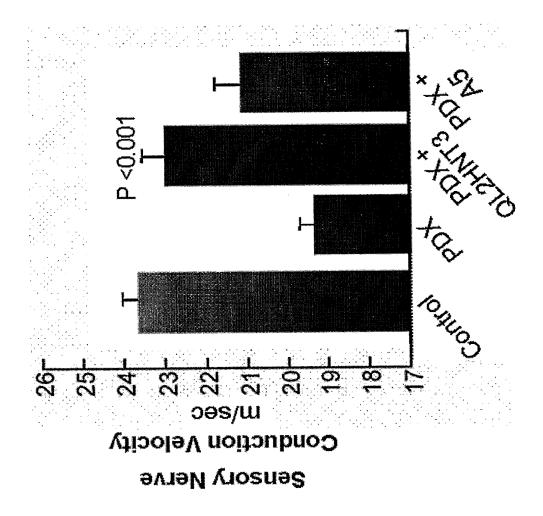
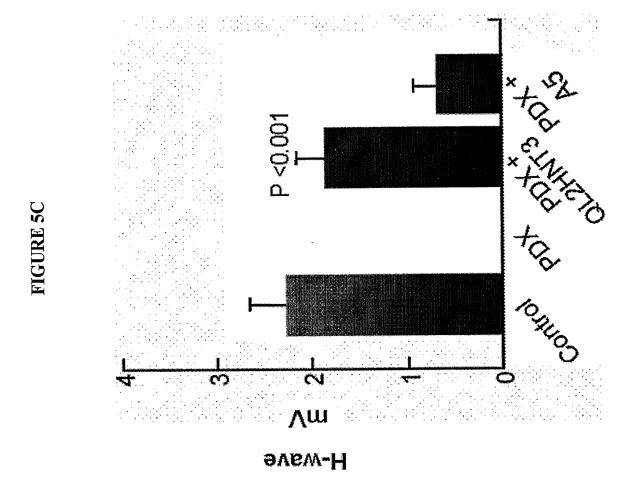
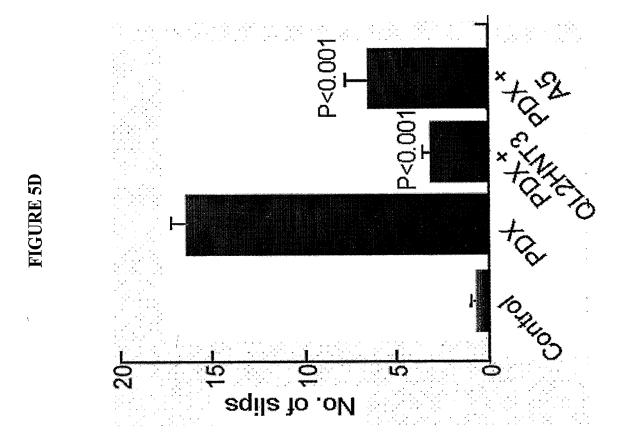


FIGURE 5B





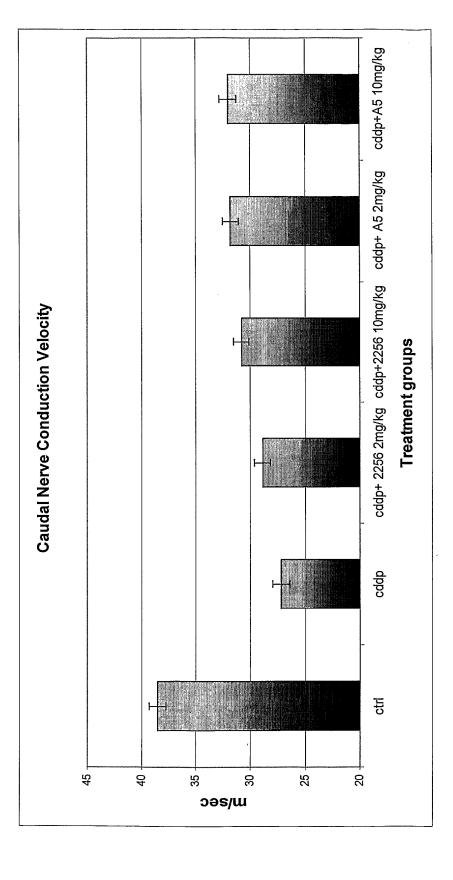


FIGURE 6